

IN THE CLAIMS:

Please amend claims 1-2 and 5-6 as follows:

1. (Currently Amended) A compiler device to generate a code for performing a procedure call in a program having a plurality of threads including at least a first master thread and at least a second thread other than the master thread, making use of an interface area that is dynamically allocated for each said second thread, when a said plurality of threads are processed in parallel.

2. (Currently Amended) A compiler device comprising:  
a plurality of threads having at least a first master thread and at least a second thread other than the master thread;

code generating means for generating a code for determining a leading address of an interface area that is dynamically allocated for each said second thread when at least one of said plurality of threads is processed; and

code converting means for converting a reference to the interface area in a source program into a code for referencing the interface area making use of the leading address determined by executing said code generated by said code generating means.

3. (Previously Presented) A compiler device of claim 2, wherein said code generating means is constituted to generate a code for calling a library for determining the leading address of the interface area that is dynamically allocated for each thread.

4. (Previously Presented) A compiler device of claim 2, wherein said code generating means is constituted to generate a code for determining the leading address of the interface area designated by a user.

5. (Currently Amended) A computer-readable recording medium recorded with a compiler program for causing a computer to realize a function to generate a code for performing a procedure call in a program having a plurality of threads including at least a first master thread and a second thread other than the master thread, making use of an interface area that is dynamically allocated for each said second thread, when asaid plurality of threads are processed in parallel.

6. (Currently Amended) A computer-readable recording medium recorded with a compiler program having a plurality of threads including at least a first master thread and at least a second thread other than the master thread, for causing a computer to realize:

a code generating function for generating a code for determining a leading address of an interface area that is dynamically allocated for ~~each~~ the second thread, when one of the plurality of threads is processed; and

a code converting function for converting: a reference to the interface area in a source program into a code for referencing the interface area making use of the leading address determined by executing said code generated by said code generating function.

7. (Previously Presented) A computer-readable recording medium recorded with a compiler program of claim 6, wherein said code generating function is constituted to generate a code for calling a library for determining the leading address of the interface area that is dynamically allocated for each thread.

8. (Previously Presented) A computer-readable recording medium recorded with a compiler program of claim 6, wherein said code generating function is constituted to generate a code for determining the leading address of the interface area designated by a user.